

AMENDMENTS TO THE SPECIFICATION:

Please amend paragraph [0036] beginning at page 23, line 3, as follows:

In order to accomplish the above object, the present invention provides a light source device having a light source element from which output light is emitted to outside via a multiple scattering optical system, wherein the multiple scattering optical system includes at least a first region that is located adjacent to the light source element, and a second region that abuts on the first region and reaches the outside, of the first and second regions, at least the first region contains scatterers, a density of the scatterers in the first region is higher than a density of scatterers in the second region, and the light source device has an amount of near-field pattern speckles σ_{PAR} that is within a range of:

$$\sigma_{\text{PAR}} \geq 3.8 \times 10^{-3}.$$